

## SUMMARY

The invention creates a very high-novelty medicinal drug for the carbohydrate and lipid metabolism-related diseases by finding out an inhibitory substance or antagonist against PPAR  $\alpha$  and PPAR  $\gamma$ , and relates to an application of fatty acid CoA thioester that was found out as an active inhibitory substance against peroxisome proliferator-activated receptor  $\alpha$  and  $\gamma$  (hereinafter referred to as PPARs) to the assay of medicinal drug, and a use of fatty acid CoA thioester for medicinal drug.